

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A reamer assembly (11) for widening a drilled pilot hole or for widening a hole that has been widened in a first step in a down-the-hole drilling operation, wherein the reamer assembly includes a shank(14) for attachment of the reamer to the end of a down-the-hole hammer drill and a conical drill bit or crown (15), characterised in that the conical bit (15) of the reamer is divided into at least three conical segments (18) which are terminated with a transverse end surface (21) which directly connects said conical segments, and in that at least three of said segments (18) include drill buttons (16) of which at least one drill button (16) in each of said at least three segments (18) is disposed ~~equidistantly~~ at the same distance from the centre axis of the drill bit as the at least one drill button (16) in each of the others of said at least three conical segments (18), each of said conical segments (18) having plural drill buttons (16) disposed at different distances from the center axis of the drill bit.

2. (canceled)

3. (previously presented) A reamer assembly according to Claim 1, characterised in that the drill buttons (16a-16e) are placed in mutually the same pattern in each of said segments (18).

4. (currently amended) A reamer assembly according to Claim 1, characterised in that a plurality of drill buttons (16) in each segment are disposed ~~equidistantly~~ at the same distance from the centre of the drill bit (15).

5. (previously presented) A reamer assembly according to claim 1, characterised in that the drill buttons (16a-16e) of one segment are disposed so as to lie close to or to slightly overlap each other in a common plane projection.

6. (previously presented) A reamer assembly according to claim 1, characterised in that drill buttons (22) are provided in the transverse end surface (21) of the drill bit (15).

7. (previously presented) A reamer assembly according to Claim 3, characterised in that a plurality of drill buttons (16) in each segment are disposed equidistantly from the centre of the drill bit (15).